



Project WET Water Education for Teachers

Some call it "Western Gold" but we know it as "water"...the most valuable resource in the desert. **Project WET** Water Education for Teachers is all about WATER! The curricula cover the properties of water, the water cycle, watersheds, groundwater, water quality, water rights, as well as an understanding of the importance of water to all water users.

Why should you learn and teach about water? Water is essential to our lives; most people can live no longer than three days without water. Throughout time people have based tribal and social ceremonies on the need for water to sustain their communities. Throughout history, water has been the deciding factor in how peoples settled North America, where communities were established, and whether businesses were feasible.

Water can be a theme for interdisciplinary learning. Water is a part of all history and social studies; water serves as a worthy research or essay topic. Math is used in water quantity and quality analyses. Water is an inspiration for much of the music created through the years.

What do students learn? Students learn to identify a question, formulate a hypothesis, control and manipulate variables, devise experiments, predict outcomes, compare and analyze results, and defend conclusions in activities like *H₂Olympics*. In *Just Passing Through, Incredible Journey* and dozens more activities, students use their own bodies as models for simulating processes. Students learn to organize and present data gathered from their own experiences using mathematical and graphical representations in activities like *Back to the Future* and *Get the Groundwater Picture*. Students are asked to analyze data and scientific reports as well as learning to come to consensus with people that hold different opinions in *A Grave Mistake* and *Water Bill of Rights*.

Project WET is correlated to the Arizona Standards. Cross reference and planning charts that sort the activities by school subject area, grade level, time required, teaching methods, student's skill development and assessment techniques facilitate teacher use. [It's all here.](#)